

Fig. 1

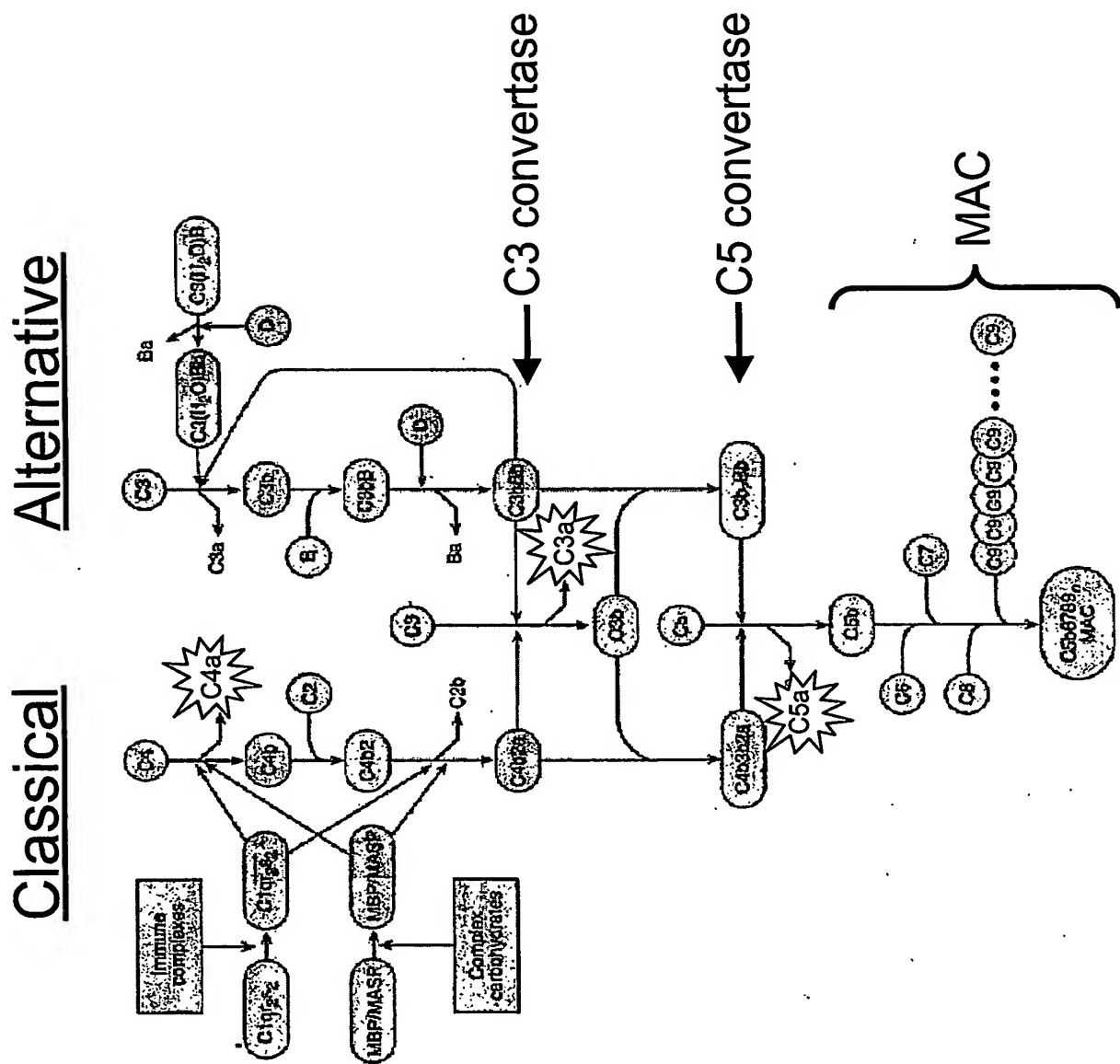


Fig. 2

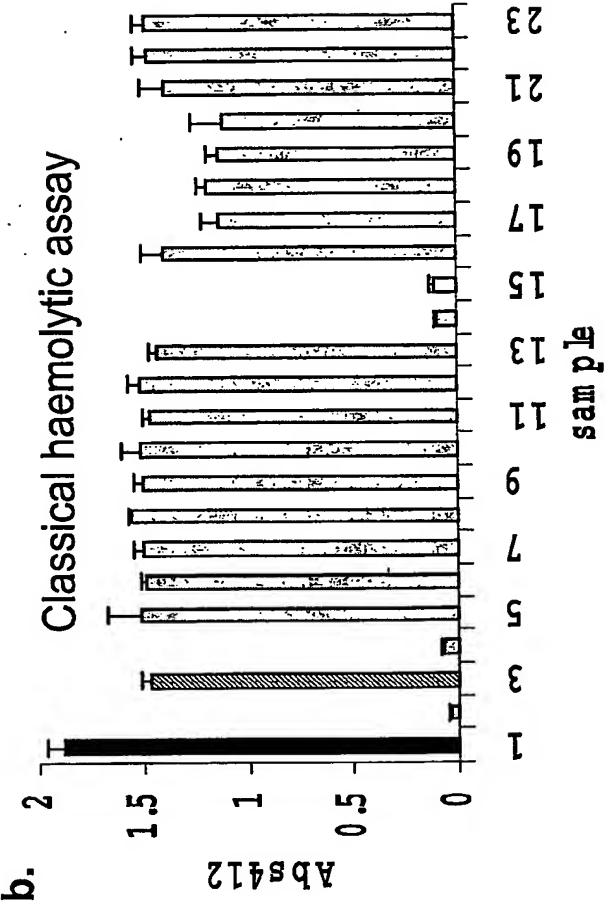
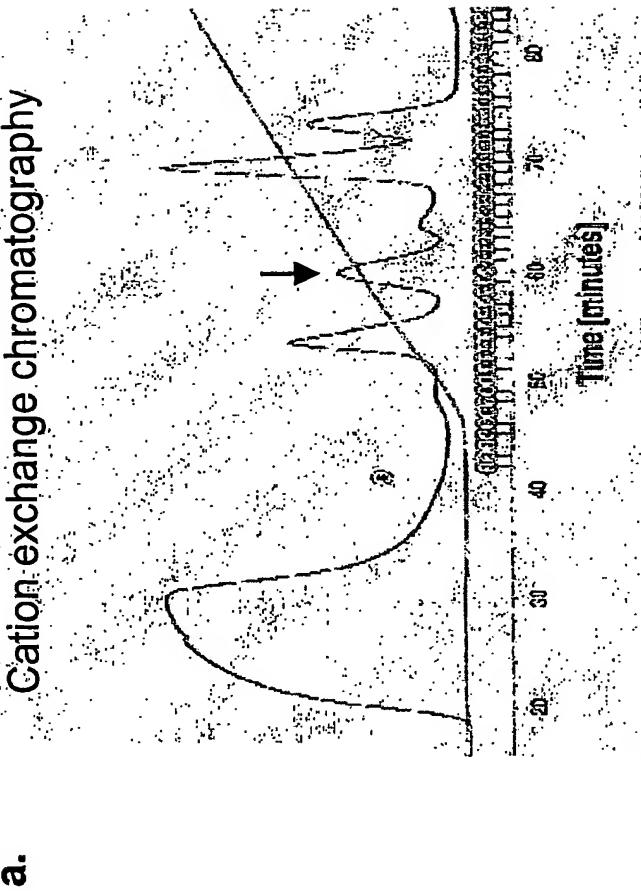


Fig. 3

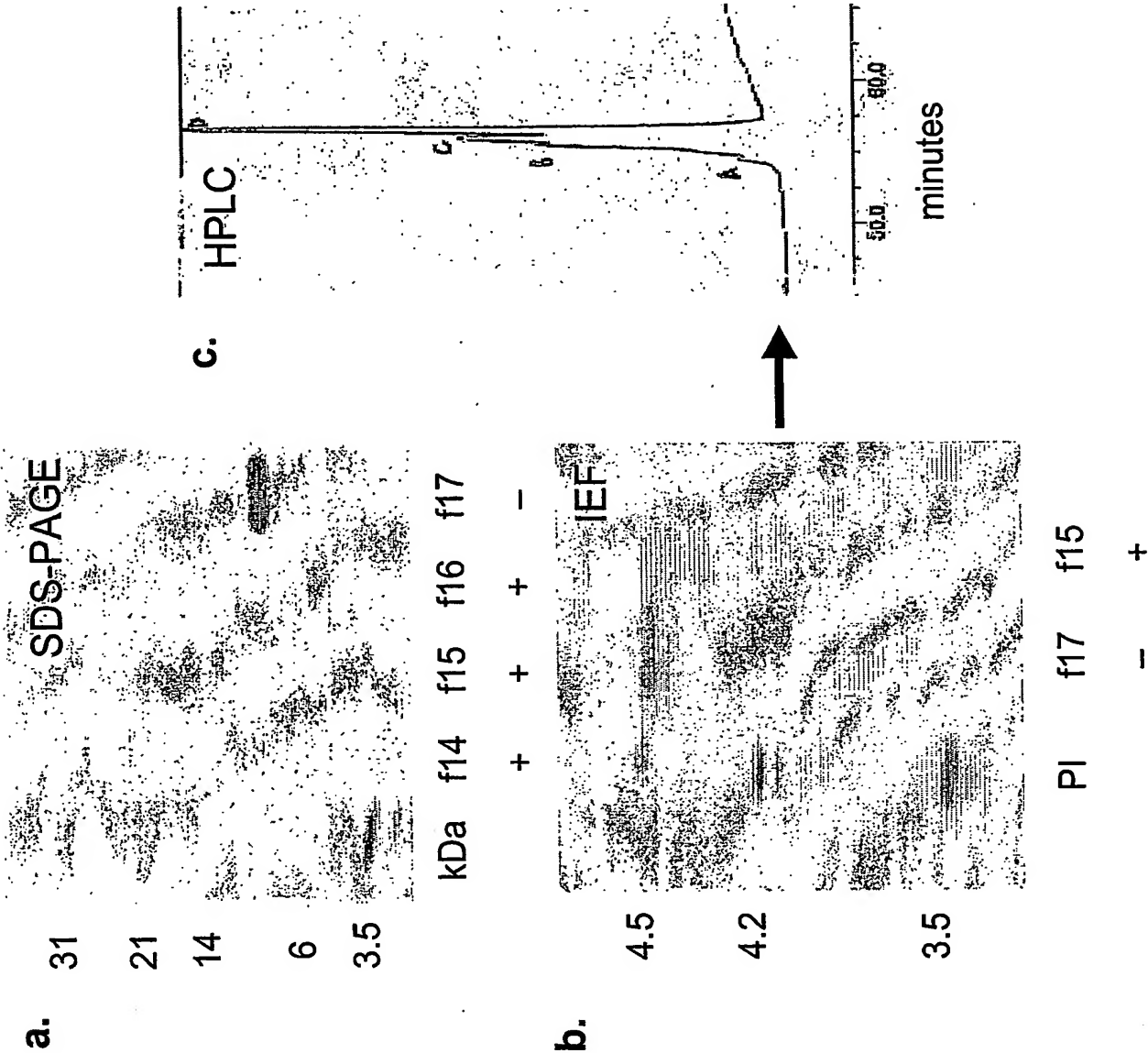


Fig. 4

ATGCTGGTTTGGTGACCCCTGATTTTCTCCTTTTCTCGGAACATCGCATATGCTGACAGC 60
M L V L V T L I F S F S A N I A Y A 20
 GAAAGCGACTGCACTGGAAGCGAACCTGTGTGACGCCCTTCCAAGCTTTCAGTGAGGGCAA 120
 E S D C T G S E P V D A F Q A F S E G K 40
 GAGGCATATGTCCTGGTGAGGTCCACGGATCCAAAGCGAGGACTGCTTGAAAGGAGAA 180
 E A Y V L V R S T D P K A R D C L K G E 60
 CCAGCCGGAGAAAAGCAGGACAACACGTTGCCGGTGATGATGACGTTTAAGAATGGCACA 240
 P A G E K Q D N T L P V M T F K N G T 80
 GACTGGGCTTCAACCGATTGGACGTTTACTTTGGACGGCGCAAAGGTAACGGCAACCTT 300
 D W A S T D W T F T L D G A K V T A T L 100
 GGTAACCTAACCCAAAATAGGGAAGTGCTCTACGACTCGCAAAGTCATCACTGCCACGTT 360
 G N L T Q N R E V V Y D S Q S H H C H V 120
 GACAAGGTCGAGAAGGAAGTTCAGATTATGAGATGTGGATGCTCGGAGGGGCTT 420
 D K V E K E V P D Y E M W M L D A G G L 140
 GAAGTGAAGTCGAGTGCTGCCGTCAAAGCTTGAAGAGTTGGCGTCTGGCAGGAACCAA 480
 E V E V E C C R Q K L E E L A S G R N Q 160
 ATGTATCCCCATCTCAAGGACTGCTAG 507
 M Y P H L K D C * 168

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Fig. 5

OmCI	.MLVLVTLIFSFSAIAYADSESD	CSGSEPVDAFQAFSEGKEAYVLRST	
TSGP3	MMVLVATVILSFSA TALAD...	CPTGKPTAYVAFNEGKGAYILVRST	
TSGP2	MMVLVATVILSFSA TALAD...	CPTGKPTAYVAFNEGQGAYILVKST	
Moubatin	MMVLVATVILSFSA SIAYA QSG..	CSVSDPLDALKAFKDGAGTFLIQKST	
	*****	* * * * *	* * *
OmCI	DPKARD	CLKGEPA G E K Q D N T L P V M M T F K N G T D W A S T D W T F T L D G A K V T A T	
TSGP3	NLNARD	CLKGEATG K K E G N T L P V M M A F K D E G K M V S L P W T F T L D G P K V T A T	
TSGP2	DLDARD	CLKGSATG K K E G N K V P V M M A F K N E G Q W V S L P W T F T L D G P K V T A T	
Moubatin	DPOARD	CLKGT P N G N R D G N T L P V T M T Y K D D S K W V S L N W M F T L E G A N I V A T	
	*****	* * * * *	* * *
OmCI	L. GNLTQNR	VVYDSQSHHCHVDKVEKEVPDYEMWMLDAGGLEVEVE	CCCR
TSGP3	H. GORTLKGEVVDVPSHHCHIEKLES	GA..YDMWMLEAGGLEVDIE	CCCN
TSGP2	D. GORTLKREVVDVASHHCHVEKLA	SGA..YEMWMLEAGGLEVDIE	CCCN
Moubatin	LEGKRKQRGELVYDVQSHDCHITKLSS	GV..YQQWQSNGSADDDKDIK	CCCD
	*	* * * * *	* * *
OmCI	QKLEELASGRNQMPHLKDC	
TSGP3	KRYDELTSGQVIRPQDKDC	
TSGP2	KKYDELTSGQVIRPQDKDC	
Moubatin	EKFELTSGIDYTKPQEKGC	ETSAK	
	**	**	*

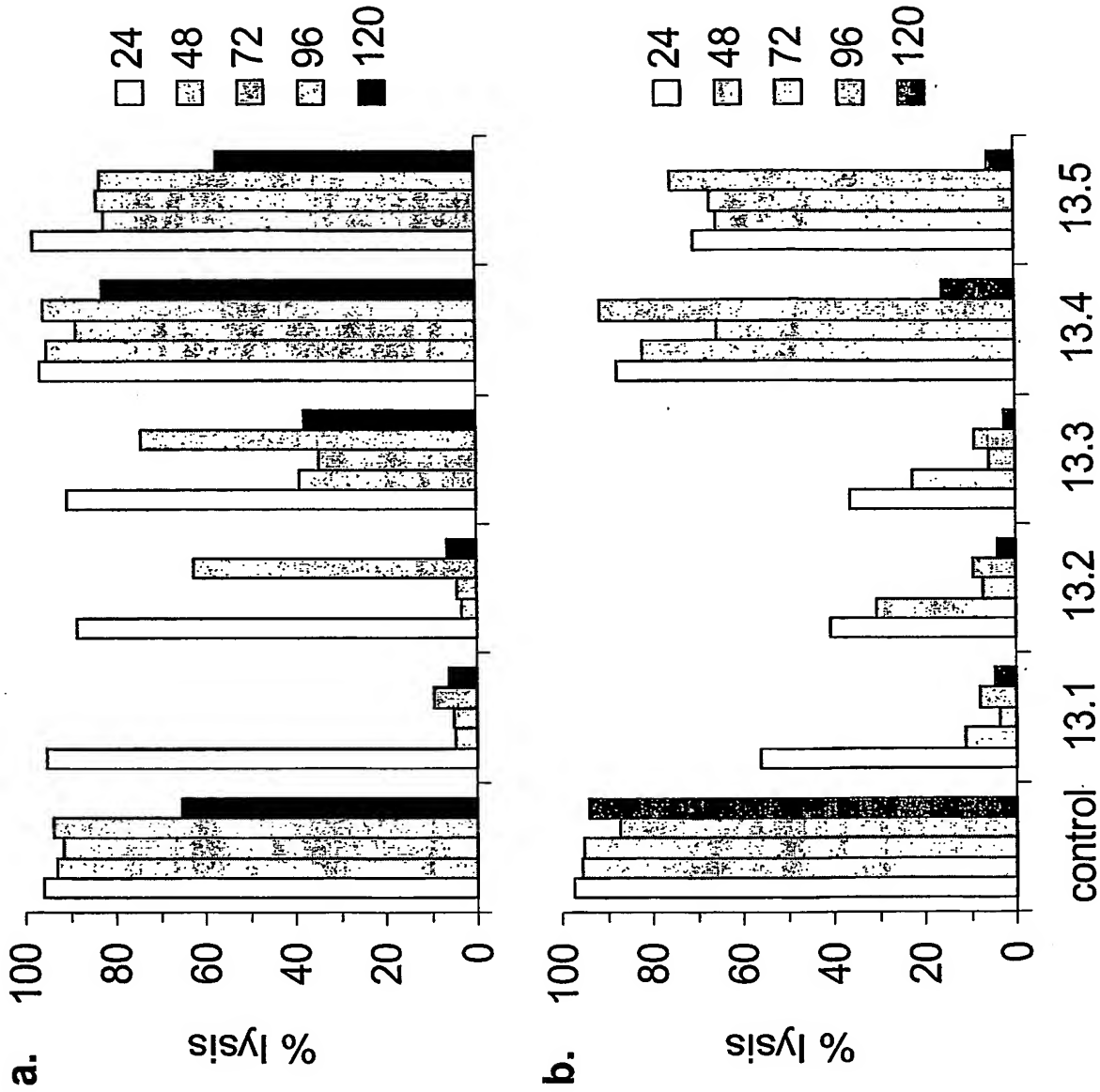
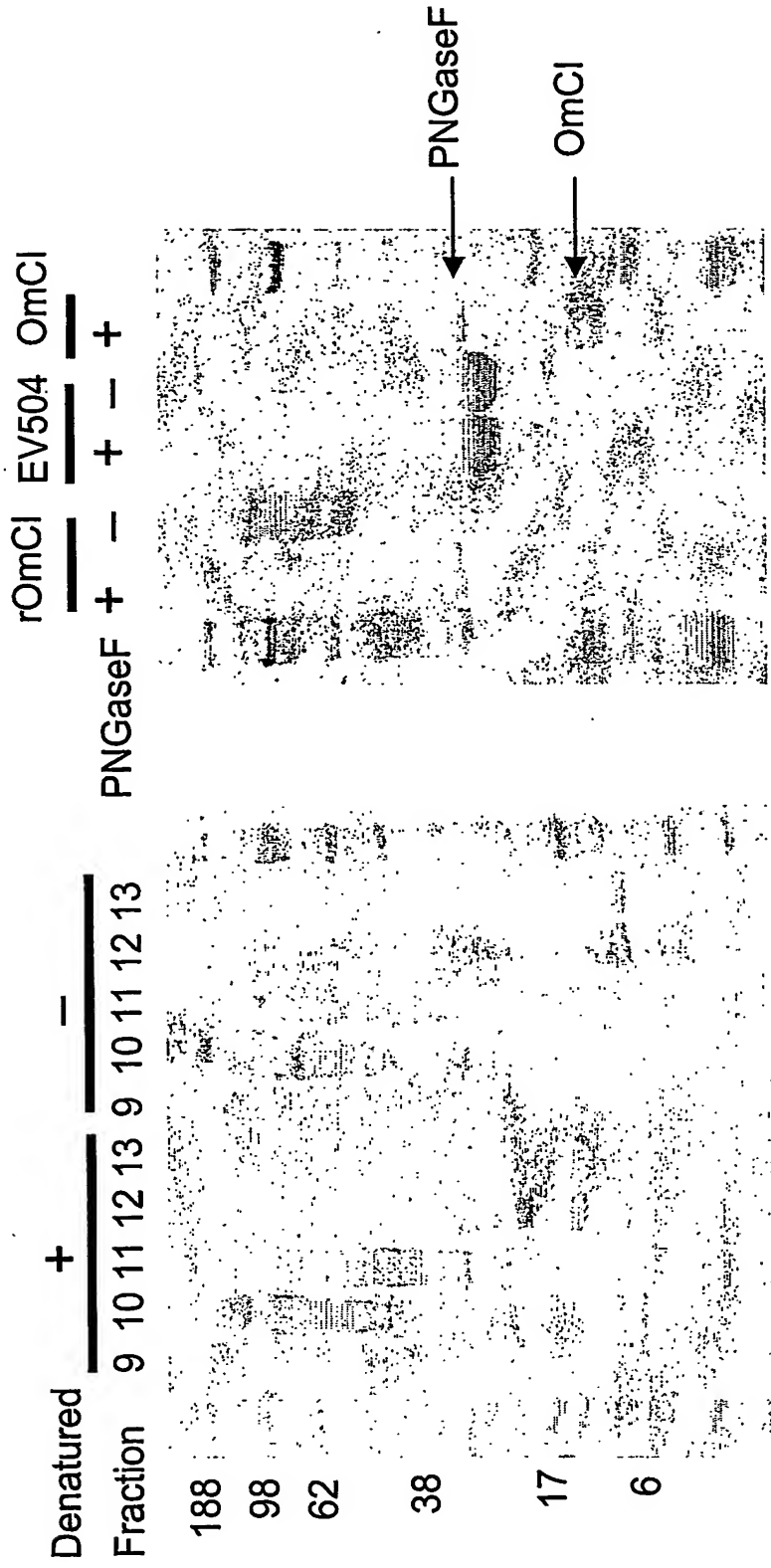


Fig. 6

Fig. 7a

b



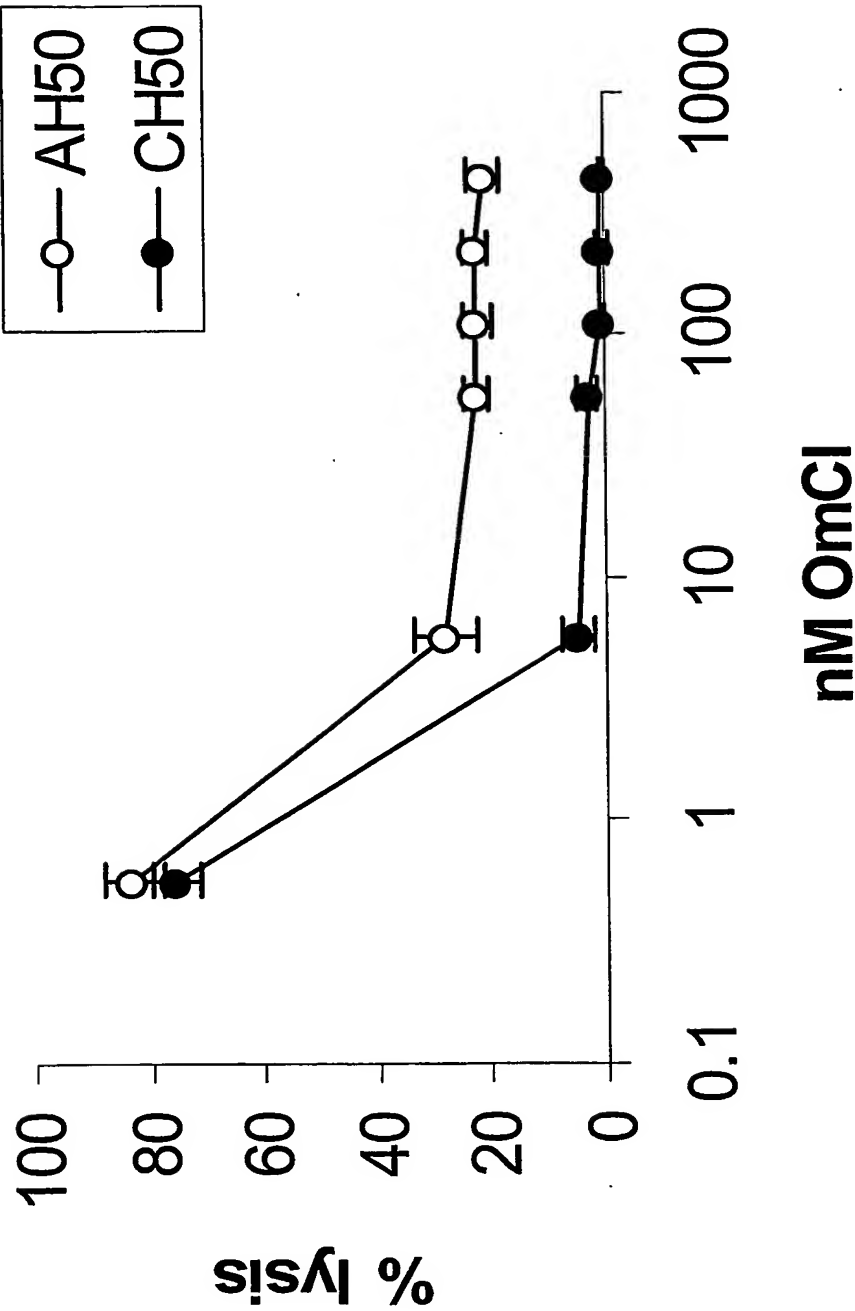


Fig. 8

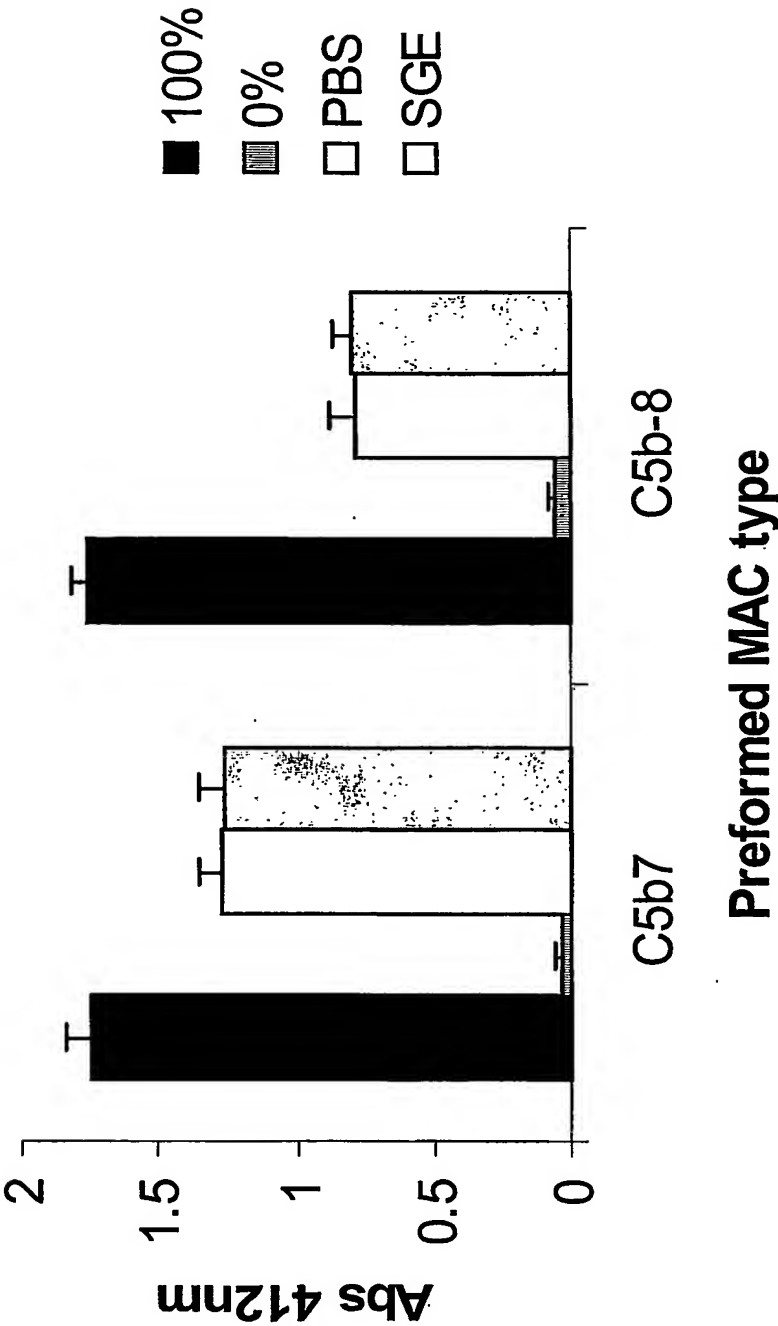
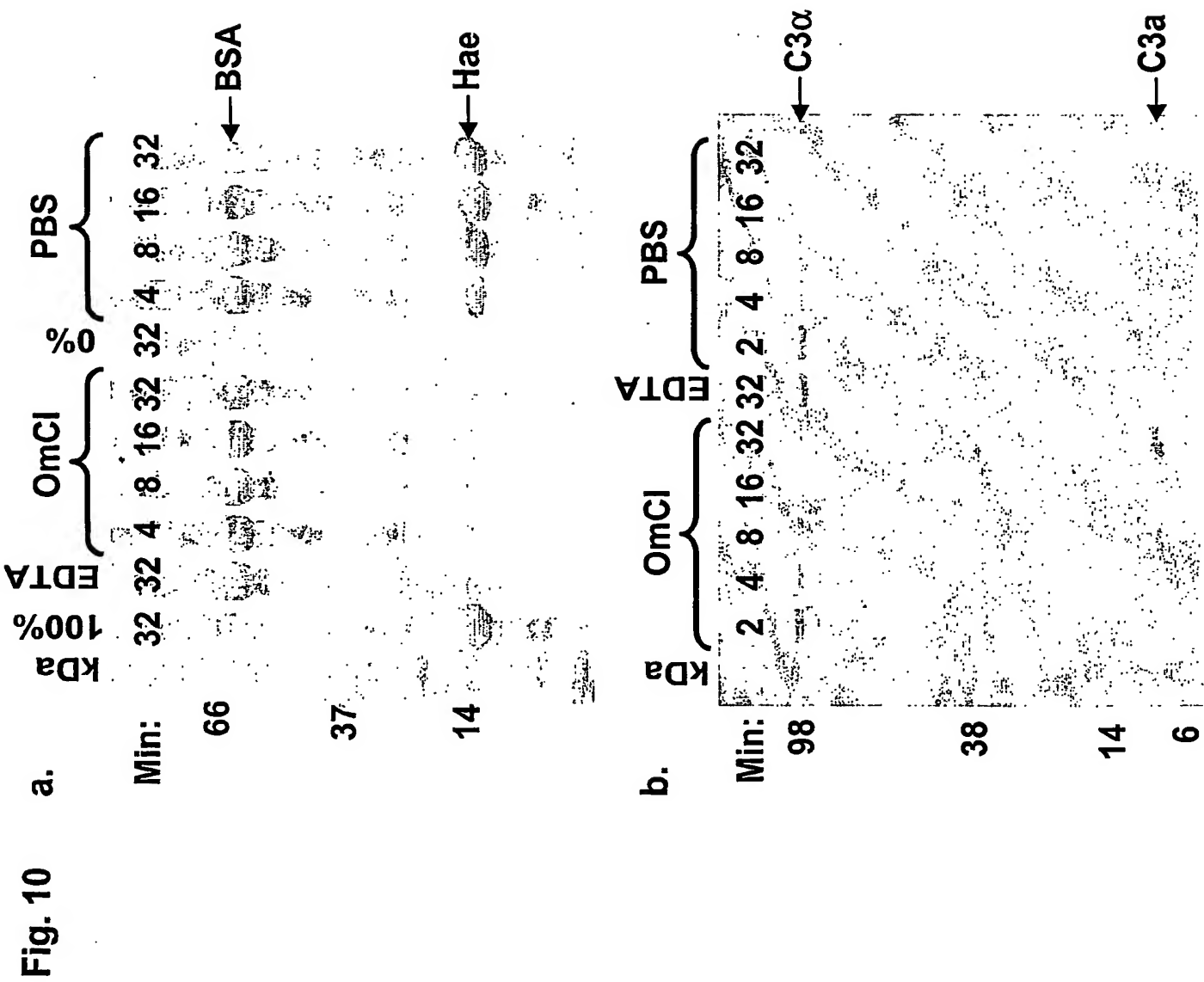


Fig. 9



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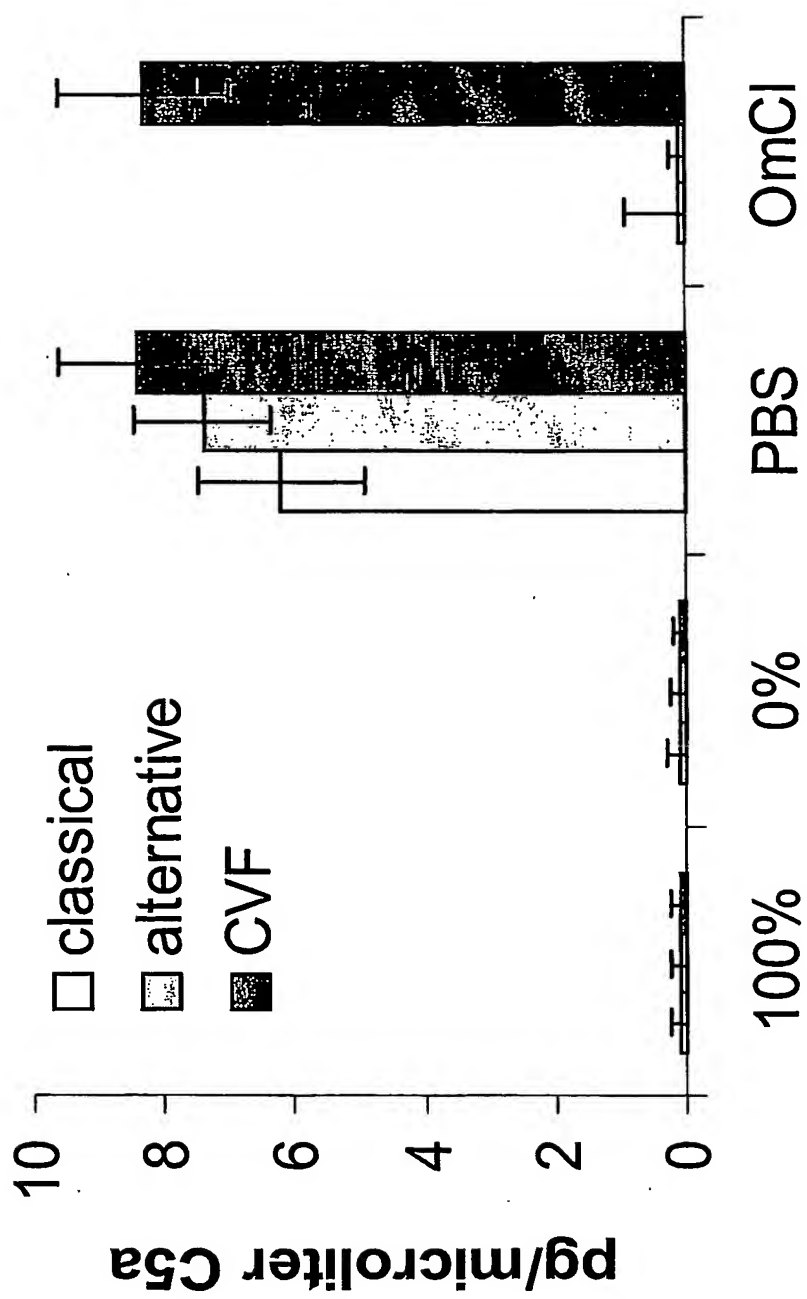
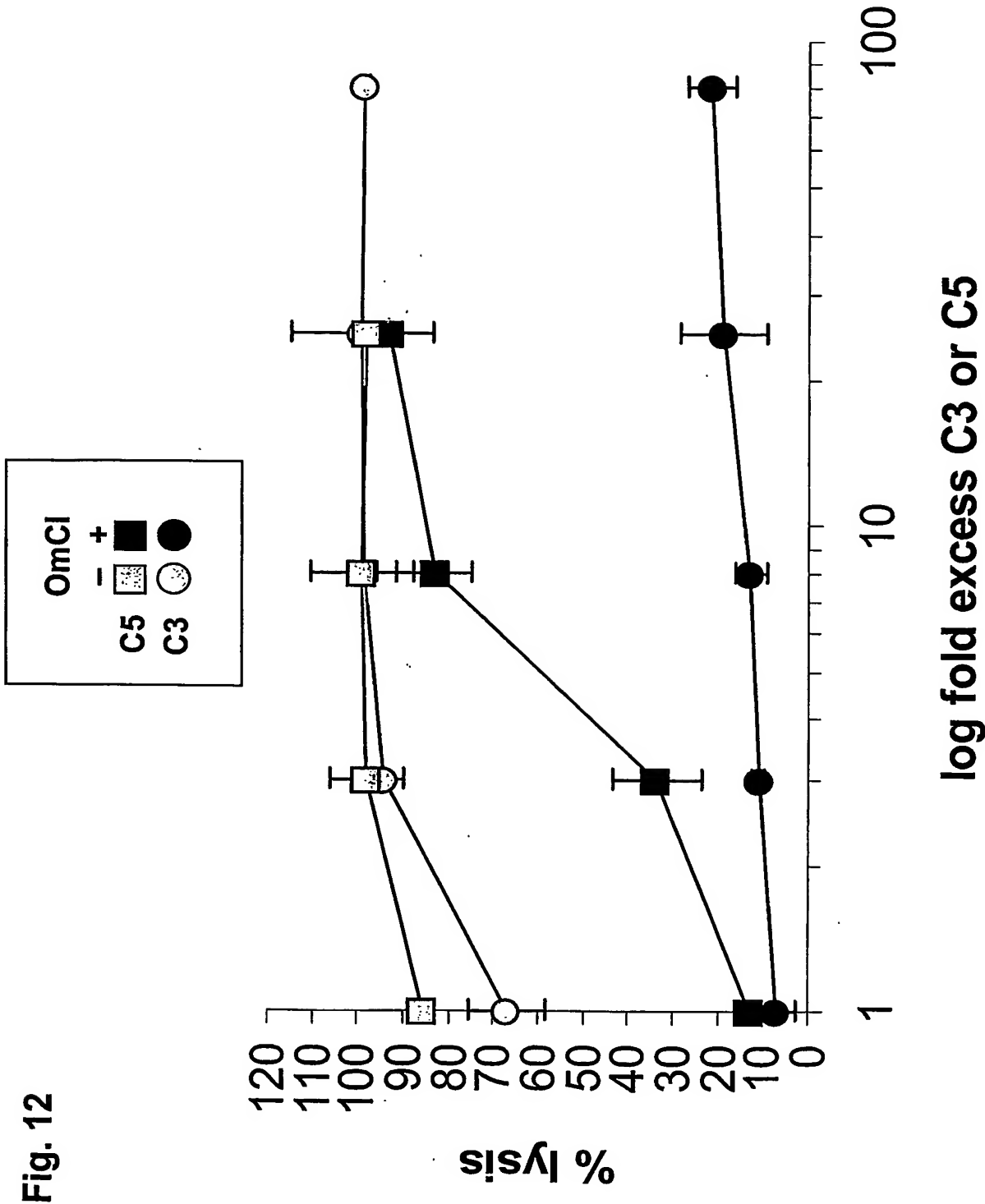


Fig. 11



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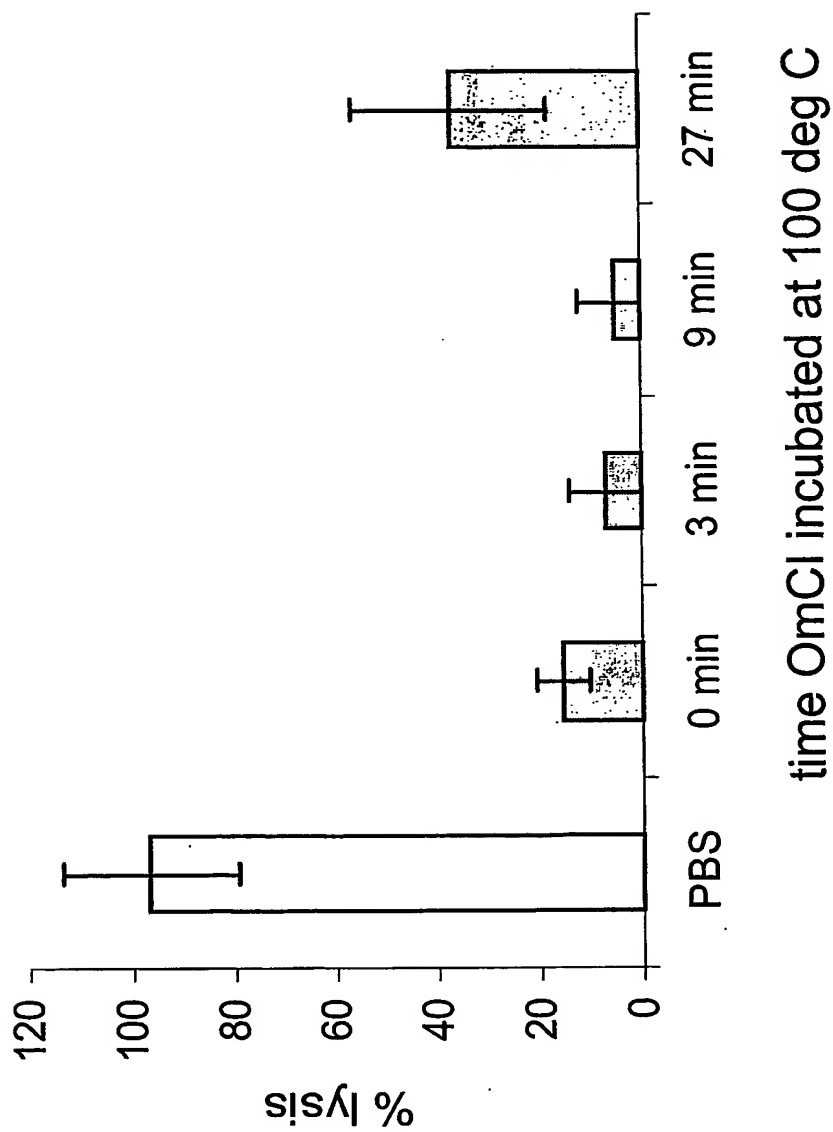


Fig. 13

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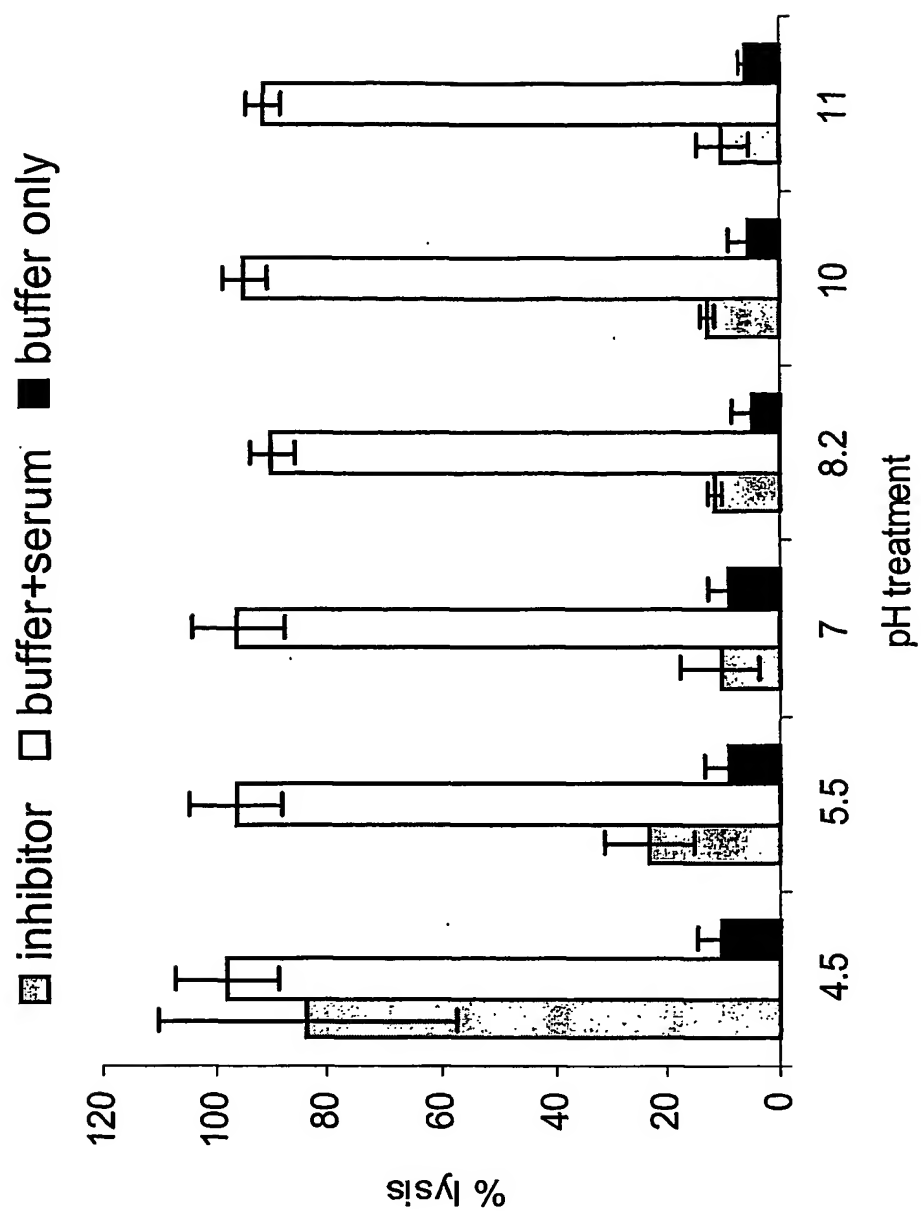
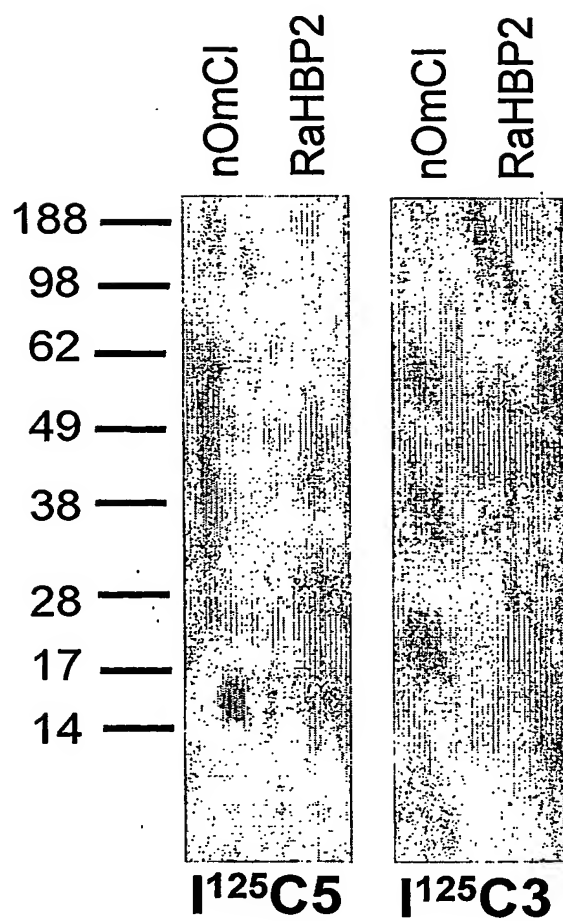


Fig. 14

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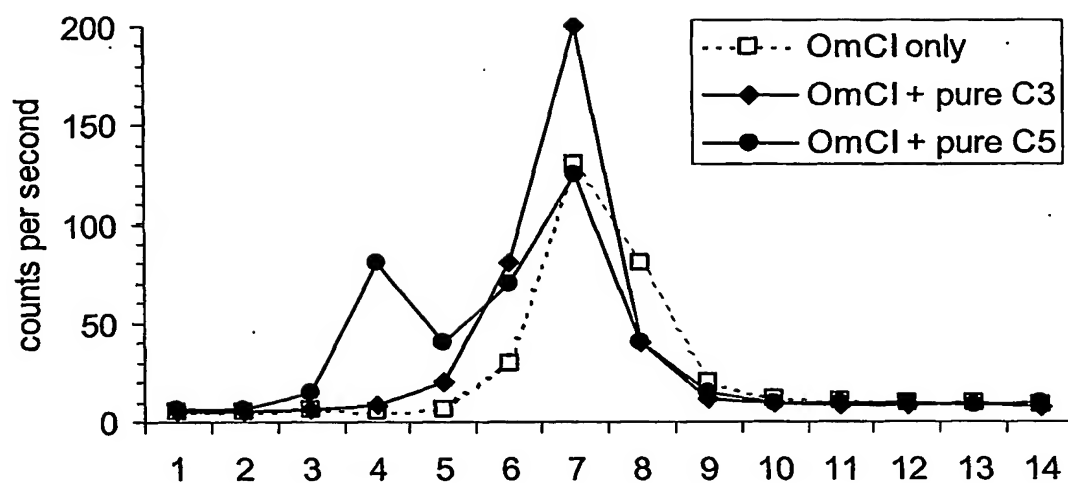
Fig. 15



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Figure 16

a.



b.

